

## LOW FLOW VALVE IMPROVEMENT

### ABSTRACT

**[0040]** The present invention illustrates an irrigation valve that operates at low flows by providing a guide washer of the valve assembly that prevents diaphragm extrusion. Specifically, the circular channel area of a guide washer of the valve includes spoke-like fins. These fins keep the diaphragm from extruding into the open channel over time, while allowing for easy guide washer manufacturing.